PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Attorn	Attorney Docket No. 532232000800						
UTILITY		nventor Cheng He JIN						
PATENT APPLICATION		HIGH-THROUGHPUT METHODS FOR						
TRANSMITTAL	Title	IDENTIFYING QUADRUPLEX FORMING						
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Everes	NUCLEIC ACIDS AND MODULATORS THEREOF						
Express Mail Label No. EV 272143070 US								
APPLICATION ELEMENTS		MS Patent Application ADDRESS TO: Commissioner for Patents						
See MPEP chapter 600 concerning utility patent application co	ontents.	ADDRESS TO. P.O. Box 1450						
Fee Transmittal Form (e.g., PTO/SB/17)		Alexandria, VA 22313-1450 7 CD-ROM or CD-R in duplicate, large table or						
(Submit an original, and a duplicate for fee processing)		Computer Program (Appendix)						
Applicant claims small entity status. See 37 CFR 1.27.	_	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)						
3. X Specification [Total Pages 2	71	a. Computer Readable Form (CRF)						
(preferred arrangement set forth below) - Descriptive title of the invention		b. Specification Sequence Listing on:						
Cross Reference to Related Applications Statement Regarding Fed sponsored R & D		i. CD-ROM or CD-R (2 copies); or ii. Paper						
Reference to sequence listing, a table, or a computer program listing appendix		c. Statements verifying identity of above copies						
Background of the Invention Brief Summary of the Invention		ACCOMPANYING APPLICATIONS PARTS						
Brief Description of the Drawings (if filed) Detailed Description		Assignment Papers (cover sheet & document(s))						
- Claim(s) - Abstract of the Disclosure		10. 37 CFR 3.73(b) Statement Power of Attorney						
4. X Drawing(s) (35 U.S.C. 113) (Total Sheets								
5. Oath or Declaration [Total Sheets	== ,	12. Information Disclosure Copies of IDS						
a. Newly executed (original or copy)		Statement (IDS)/PTO-1449						
(27.050.400.1)		Potura Receipt Destroyd (MRED 502)						
b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		(Should be specifically itemized)						
i. DELETION OF INVENTOR(S) Signed statement attached deleting		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)						
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).		16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.						
		17. Other:						
6. X Application Data Sheet. See 37 CFR 1.76								
		bly the requisite information below and in the first sentence of the specification						
following the title, or in an Application Data Sheet under 37 CF Continuation Divisional Continuation		CID) of price profiteding Man						
	n-ın-parı ((<u> </u>						
Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire	disclosur	Art Unit: re of the prior application, from which an oath or declaration is supplied under						
Box 5b, is considered a part of the disclosure of the accompan The incorporation <u>can only</u> be relied upon when a portion has l	ıying conti	tinuation or divisional application and is hereby incorporated by reference.						
		ONDENCE ADDRESS						
X Customer Number: 25225 OR Correspondence address below								
Name Bruce D. Grant								
MORRISON & FOERSTER, L	LP_							
Address								
City Sta	ate	Zip Code						
Country Tel	lephone	Fax						
Name (Print/Type) Bruce D. Grant /		Registration No. (Attorney/Agent) 47,608						
Signature		Date September 11 2003						
Signature Date September 11, 2003								
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 272143070 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.								
Dated: 9/11/03 Signature: Judy Bridgwater (Judy Bridgwater)								

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

			Complete if Known						
FEE TRANSMITTAL		Application Number Not Yet Assigned							
for FY 2003		Filing Date C				Concurrently Herewith			
Effective 01/01/2003, Patent fees are subject to annual revision.			First Named Inventor			Cheng He JIN			
Ellective of to 1/2003, Paterit rees are subject to difficult revision.	{	Examiner Name				Not Yet Assigned			
X Applicant claims small entity status. See 37 CFR 1.27	ſ	Art Un	it		N	N/A			
TOTAL AMOUNT OF PAYMENT (\$) 375.00							532232000800		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
Credit Money	2 A	DDITIO							
Check Card Money Other None 3. ADDITIONAL FEES								ì	
X Deposit Account Large Entity Small Entity									
Deposit 03-1952 referencing	Fee	Fee	Fee	Fee		Fee Desc	rintion	ł	
Number 532232000800	Code	(\$)	Code	(\$)				Fee Paid	
Deposit Account Morrison & Foerster LLP	1051	130	2051	65	Surcharge -	_			
Name The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – sheet.	late provision	nal filing fee or cover		
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English	specification	1		
Charge any additional fee(s) during the pendency of this	1812	2,520	1812		•	•	arte reexamination		
application	1804	920*	1804	920*	Requesting p	oublication o			
Charge fee(s) indicated below, except for the filing fee					Examiner act Requesting p	tion publication o	f SIR after		
to the above-identified deposit account.	1805	1,840*			Examiner aci	tion			
FEE CALCULATION	1251 1252	110 410	2251 2252		Extension for		i first month i second month		
1. BASIC FILING FEE Large Entity Small Entity	1252	930	2252	465	Extension for				
Fee Fee Fee Fee Description Fee Pald	1254	1,450	2254				n fourth month		
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee 375.00	1255	1,970	2255		Extension for				
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of App				
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing a brief	in support o	f an appeal		
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for o	-			
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1451 2452		Petition to in: Petition to re	-	lic use proceeding	 	
SUBTOTAL (1) (\$) 375.00	1453	110 1,300	2452	55 650	Petition to re				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue f				
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design issue	e fee			
Total Claims 18 -20** = 0 x = 0.00	1503	630	2503	315	Plant issue fo	ee			
Independent 2 -3** = 0 x = 0.00	1460	130	1460	130	Petitions to t	he Commiss	sioner		
Multiple Dependent =	1807	50	1807	50	Processing f	ee under 37	CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180			on Disclosure Stmt		
Fee Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40			ssignment per of properties)		
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a subn		final rejection		
1201 84 2201 42 Independent claims in excess of 3	1810	750	2810	375	For each add	ditional inve			
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims	1801	750	2801		examined (3)		(b)) Examination (RCE)		
over original patent	1802	900	1802	900	Request for	expedited e			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	ļ.	fee (spe	I		of a design a	application		} {	
	Į.			lina Fee	Paid	SURTO	TAL (3) (\$)	0.00	
SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00 **or number previously paid, if greater, For Reissues, see above									
SUBMITTED BY Complete (if applicable)									
Name (Print/Type) R 100 D. Creat Registration No. 17 608 Telephone (858) 720-796									
(Automety/Agent)									
Signature Date September 11, 2003									
-									
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 272143070 US,									
in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.									
	1)	1 1	1	_				
Dated: 9/11/03 Signature: Waly Molgickli (Judy Bridgwater)									

Application No. (if known):		Attorney Docket No.: 532232000800
Certificate	of Express Mailir	ng Under 37 CFR 1.10
I hereby certify that Express Mail, Airbil	this correspondence is being depolence. EV 272143070 US in an envi	osited with the United States Postal Service as elope addressed to:
Com P.O.	Patent Application missioner for Patents Box 1450 andria, VA 22313-1450	
on <u>Septem</u>	ber 11, 2003 · · · Date	
	Judy Bridgwater Typed or printed name of person	
each subn	er must have its own certificate of i nitted paper. on Data Sheet	mailing, or this certificate must identify
}		

.